```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEE              DDD         DDD      TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
```

FILEID**CHMINDATE

```
  CCCCCCCC  HH      HH  MM      MM    IIIIII    NN      NN  DDDDDDDD     AAAAAA    TTTTTTTTTT  EEEEEEEEEE
  CCCCCCCC  HH      HH  MM      MM    IIIIII    NN      NN  DDDDDDDD     AAAAAA    TTTTTTTTTT  EEEEEEEEEE
CC          HH      HH  MMMM  MMMM      II    NN      NN  DD      DD  AA      AA      TT      EE
CC          HH      HH  MMMM  MMMM      II    NN      NN  DD      DD  AA      AA      TT      EE
CC          HH      HH  MM  MM  MM      II    NNNN    NN  DD      DD  AA      AA      TT      EE
CC          HH      HH  MM  MM  MM      II    NNNN    NN  DD      DD  AA      AA      TT      EE
CC          HHHHHHHHHH  MM      MM      II    NN  NN  NN  DD      DD  AA      AA      TT      EEEEEEEE
CC          HHHHHHHHHH  MM      MM      II    NN  NN  NN  DD      DD  AA      AA      TT      EEEEEEEE
CC          HH      HH  MM      MM      II    NN    NNNN  DD      DD  AAAAAAAAAA      TT      EE
CC          HH      HH  MM      MM      II    NN    NNNN  DD      DD  AAAAAAAAAA      TT      EE
CC          HH      HH  MM      MM      II    NN      NN  DD      DD  AA      AA      TT      EE                ....
CC          HH      HH  MM      MM      II    NN      NN  DD      DD  AA      AA      TT      EE                ....
  CCCCCCCC  HH      HH  MM      MM    IIIIII  NN      NN  DDDDDDDD    AA      AA      TT      EEEEEEEEEE        ....
  CCCCCCCC  HH      HH  MM      MM    IIIIII  NN      NN  DDDDDDDD    AA      AA      TT      EEEEEEEEEE        ....

LL              IIIIII      SSSSSSSS
LL              IIIIII    SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
;     1          0001  0 %TITLE 'EDT$CHMINDATE - insert date and time '
;     2          0002  0 MODULE EDT$CHMINDATE (                          ! Date/time module
;     3          0003  0                       IDENT = 'V04-000'                ! File: CHMINDATE.B32 Edit: STS1001
;     4          0004  0                       ) =
;     5          0005  1 BEGIN
;     6          0006  1 !
;     7          0007  1 !*****************************************************************************
;     8          0008  1 !*                                                                           *
;     9          0009  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                  *
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;    19          0019  1 !*                                                                           *
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;    21          0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT     *
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;    23          0023  1 !*                                                                           *
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;    25          0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                   *
;    26          0026  1 !*                                                                           *
;    27          0027  1 !*                                                                           *
;    28          0028  1 !*****************************************************************************
;    29          0029  1 !
;    30          0030  1
;    31          0031  1 !++
;    32          0032  1 ! FACILITY:     EDT -- The DEC Standard Editor
;    33          0033  1 !
;    34          0034  1 ! ABSTRACT:
;    35          0035  1 !
;    36          0036  1 !       This module contains the routine which calls a system specific
;    37          0037  1 !       routine to get the date and time and inserts it.
;    38          0038  1 !
;    39          0039  1 !
;    40          0040  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
;    41          0041  1 !
;    42          0042  1 ! AUTHOR: Shelly T. Solomon CREATION DATE: 31-Aug-1981
;    43          0043  1 !
;    44          0044  1 ! MODIFIED BY:
;    45          0045  1 !
;    46          0046  1 ! 1-001 - Original.  STS 31-Aug-1981
;    47          0047  1 !--
;    48          0048  1
```

```
;    50          0049  1 %SBTTL 'Declarations'
;    51          0050  1 !
;    52          0051  1 ! TABLE OF CONTENTS:
;    53          0052  1 !
;    54          0053  1
;    55          0054  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    56          0493  1
;    57          0494  1 FORWARD ROUTINE
;    58          0495  1     EDT$$INS_DATIM : NOVALUE;                   !insert date and time
;    59          0496  1
;    60          0497  1 !
;    61          0498  1 ! INCLUDE FILES:
;    62          0499  1 !
;    63          0500  1
;    64          0501  1 REQUIRE 'EDTSRC:EDTREQ';
;    65          0636  1
;    66          0637  1 !
;    67          0638  1 ! MACROS:
;    68          0639  1 !
;    69          0640  1 !       NONE
;    70          0641  1 !
;    71          0642  1 ! EQUATED SYMBOLS:
;    72          0643  1 !
;    73          0644  1 !       NONE
;    74          0645  1 !
;    75          0646  1 ! OWN STORAGE:
;    76          0647  1 !
;    77          0648  1 !       NONE
;    78          0649  1 !
;    79          0650  1 ! EXTERNAL REFERENCES:
;    80          0651  1 !
;    81          0652  1 !       In the routine
```

```
;    83          0653  1 %SBTTL 'EDT$$INS_DATIM  - Date/Time routine'
;    84          0654  1
;    85          0655  1 GLOBAL ROUTINE EDT$$INS_DATIM                    ! Date routine
;    86          0656  1     : NOVALUE =
;    87          0657  1
;    88          0658  1 !++
;    89          0659  1 ! FUNCTIONAL DESCRIPTION:
;    90          0660  1 !
;    91          0661  1 !       This routine calls a system specific routine to get the date
;    92          0662  1 !       and time as an ascii string, and inserts it into the text at the
;    93          0663  1 !       cursor position.
;    94          0664  1 !
;    95          0665  1 !
;    96          0666  1 ! FORMAL PARAMETERS:
;    97          0667  1 !
;    98          0668  1 !  SUCCEED              status of string insert
;    99          0669  1 !  LEN                  length of final string
;   100          0670  1 !  BUF                  buffer to build string in
;   101          0671  1 !
;   102          0672  1 ! IMPLICIT INPUTS:
;   103          0673  1 !
;   104          0674  1 !       NONE
;   105          0675  1 !
;   106          0676  1 ! IMPLICIT OUTPUTS:
;   107          0677  1 !
;   108          0678  1 !       NONE
;   109          0679  1 !
;   110          0680  1 ! ROUTINE VALUE:
;   111          0681  1 !
;   112          0682  1 !
;   113          0683  1 !       0 = failure, 1 = success
;   114          0684  1 !
;   115          0685  1 ! SIDE EFFECTS:
;   116          0686  1 !
;   117          0687  1 !       MANY
;   118          0688  1 !
;   119          0689  1 !--
;   120          0690  1
;   121          0691  2     BEGIN
;   122          0692  2
;   123          0693  2     EXTERNAL ROUTINE
;   124          0694  2         EDT$$GET_DATE,                           !System date routine
;   125          0695  2         EDT$$INS_CHS;                            !insert string into text
;   126          0696  2
;   127          0697  2     LOCAL
;   128          0698  2         SUCCEED,                                 !return status
;   129          0699  2         LEN,                                     !length of date string
;   130          0700  2         BUF : BLOCK [CH$ALLOCATION (24)];        ! buffer in which to construct string
;   131          0701  2
;   132          0702  2     LEN = 0;
;   133          0703  2     EDT$$GET_DATE (LEN, BUF);                    ! call system specific routine for date/time
;   134          0704  2 !
;   135          0705  2 ! Now we have the date and time as an ascii string, insert it into text buffer
;   136          0706  2 !
;   137          0707  2     SUCCEED = EDT$$INS_CHS (CH$PTR (BUF), .LEN);
;   138          0708  2     RETURN .SUCCEED
;   139          0709  1     END;                                         ! End of routine EDT$$INS_DATIM
```

```
;                                                       .TITLE  EDT$CHMINDATE EDT$CHMINDATE - insert date and t
                                                                ime
                                                        .IDENT  \V04-000\

                                                        .EXTRN  EDT$$GET_DATE, EDT$$INS_CHS

                                                        .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                                        .ENTRY  EDT$$INS_DATIM, Save nothing                    ; 0655
                                    5E          18  C2 00002  SUBL2  #24, SP                                  ;
                                                7E  D4 00005  CLRL   LEN                                        ; 0702
                                          04    AE  9F 00007  PUSHAB BUF                                        ; 0703
                                          04    AE  9F 0000A  PUSHAB LEN                                        ;
                          00000000G       00    02  FB 0000D  CALLS  #2, EDT$$GET_DATE                         ;
                                                6E  DD 00014  PUSHL  LEN                                        ; 0707
                                          08    AE  9F 00016  PUSHAB BUF                                        ;
                          00000000G       00    02  FB 00019  CALLS  #2, EDT$$INS_CHS                         ;
                                                    04 00020  RET                                               ; 0709

; Routine Size:  33 bytes,    Routine Base:  _EDT$CODE + 0000

;  140          0710  1
;  141          0711  1 !<BLF/PAGE>
```

```
;  143          0712  1 END                                   ! End of module EDT$CHMINDATE
;  144          0713  1
;  145          0714  0 ELUDOM
```

```
;                                   PSECT SUMMARY
;
;      Name                     Bytes                          Attributes
;
;  _EDT$CODE                      33  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
```

```
;                                 Library Statistics
;
;                                        --------- Symbols ---------      Pages       Processing
;      File                              Total    Loaded   Percent       Mapped       Time
;
;  _$255$DUA28:[EDT.SRC]EDT.L32;1          377         0         0           40        00:00.2
;  _$255$DUA28:[EDT.SRC]PSECTS.L32;1         2         1        50            7        00:00.1
```

```
;                                  COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:CHMINDATE/OBJ=OBJ$:CHMINDATE MSRC$:CHMINDATE.BLI/UPDATE=(ENH$:C
;       HMINDATE)

; Size:         33 code + 0 data bytes
; Run Time:       00:09.3
; Elapsed Time:   00:13.2
; Lines/CPU Min:   4631
; Lexemes/CPU-Min: 12480
; Memory Used:  55 pages
; Compilation Complete
```

CHMFINENT
LIS

CHMINIT
LIS

CHMGCOUNT
LIS

CHMGINSTR
LIS

CHMGSUSTR
LIS

CHMINSMOD
LIS

CHMEMESS
LIS

CHMINSTAB
LIS

CHMENTTRM
LIS

CHMGBUF
LIS

CHMINSCHR
LIS

CHMINDATE
LIS

CHMEXVERB
LIS

CHMFINSTR
LIS

CHMGDIR
LIS

CHMGQUSTR
LIS

CHMHLPRPD
LIS

CHMINSSTR
LIS

CHMKEYWRD
LIS

CHMENDWRD
LIS

CHMEXCOM
LIS